Docket No.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Bonnie C. Sexton Group Art Unit: 2437

Application No.: 10/538,556 Examiner: Michael J. Pyzocha

Filed: June 13, 2005 Confirmation No.: 5050

For: SMALL HARDWARE IMPLEMENTATION OF THE SUBBYTE

FUNCTION OF RIJNDAEL

Date: September 28, 2010

AMENDMENT

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In reply to the Office Action of the United States Patent and Trademark Office dated June 29, 2010, the time for response to which extends to and includes September 29, 2010, Applicant respectfully submits the following revisions and remarks.

A Listing of Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.